

ABSTRACT OF THE DISCLOSURE

A reflective surface outline 100, on which there are restrictions due to requirements from a vehicle body constitution perspective and a design perspective, is set as a basic condition for reflective surface determination, and in addition segmentation conditions and reflection conditions are set. Then, based on these various conditions, the inside of the reflective surface outline 100 is segmented along the X-axis, which is set as a segmentation axis, to produce a plurality of reflection regions, and furthermore segment surfaces 110, 121 to 151 and 122 to 152 corresponding to the reflection regions are created based on reflection angles which have been set for the reflection regions. A surface shape for the reflective surface 10a as a whole satisfying a required light distribution condition is then determined from these segment surfaces. As a result, a method of determining the reflective surface of a reflector in a vehicle lamp, and a vehicle lamp, are realized for which light from a light source can be utilized effectively as reflected light and a reflective surface that satisfies a required light distribution condition can be determined efficiently.

100% READER'S COPY